

# OFFICE OF THE NEVADA ENVIRONMENTAL RESPONSE TRUST TRUSTEE

Le Petomane XXVII, Inc., Not Individually, But Solely as the Nevada Environmental Response Trust Trustee

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**RE:** NEVADA ENVIRONMENTAL RESPONSE TRUST  
SNWA WEIR DEWATERING ION-EXCHANGE TREATMENT PLANT  
**MONTHLY PROGRESS REPORT: JANUARY 2017**

This Monthly Progress Report presents the Nevada Environmental Response Trust's (NERT or the "Trust") implementation status of the Ion-Exchange (IX) treatment plant being constructed, consistent with the Nevada Division of Environmental Protection's (NDEP) draft Action Memo and proposed Order ("Order") to treat groundwater extracted through Southern Nevada Water Authority's (SNWA) Sunrise Mountain and Historic Lateral Weir (collectively, the "Weirs") construction projects. Please note that this is the first Monthly Progress Report being submitted in response to the proposed Order.

## Project Update

The Trust has responded to modified construction details provided by SNWA and Tetra Tech is proceeding with the preparation of a 75% design package (in-lieu of a revised 60% design package). The SNWA modifications focus primarily on the locations of the treatment system's pump stations and pipelines. Tetra Tech is also finalizing a Biological Review which will be submitted to US Bureau of Reclamation (Reclamation) in early February.

The Trust has been advised that a "best case scenario date" for Reclamation to grant access is June 30, 2017. Under a standard construction schedule, Tetra Tech has advised the Trust that 120 days is required from the granting of access to establishing system readiness for groundwater treatment with the IX treatment plant. The Trust has directed Tetra Tech to develop a strategy to accelerate the construction schedule, to the extent possible, and expects this information by February 28, 2017. Due to the timing on gaining access from Reclamation, the Trust remains very concerned of the feasibility of meeting NDEP's July 31, 2017 deadline to begin groundwater treatment.

Progress Report		
Activity	Actions During Reporting Period	Actions Planned for Next Period
Site Preparation Tamarisk Removal	<ul style="list-style-type: none"> <li>• Tamarisk removal contractor selected</li> </ul>	<ul style="list-style-type: none"> <li>• Tamarisk removal</li> </ul>
Site Permitting Bureau of Reclamation	<ul style="list-style-type: none"> <li>• Permit for geotechnical investigation and soil sampling issued 1/6.</li> <li>• Biological survey conducted 1/18; no sensitive habitat or species were identified.</li> </ul>	<ul style="list-style-type: none"> <li>• Biological Review to be submitted; Reclamation to make an applicability determination of Categorical Exclusion from NEPA.</li> </ul>
Site Permitting Clark County	<ul style="list-style-type: none"> <li>• Clark County has advised that Land Use permitting is waived. Facilities will be classified as "temporary government use to support environmental remediation" (contingent upon the Order being final by 3/3).</li> <li>• Dust control permit application for vegetation removal submitted 1/24 and permit was received on 1/27.</li> </ul>	<ul style="list-style-type: none"> <li>• Minor source air permit will be prepared for the pump station diesel generator engines.</li> </ul>
Site Permitting City of Henderson	<ul style="list-style-type: none"> <li>• City of Henderson has advised that Land Use permitting will be done administratively without Planning Commission or City Council review (contingent upon the Order being final by 3/3).</li> </ul>	
Site Permitting NDEP - BWPC	<ul style="list-style-type: none"> <li>• NDEP BWPC began review of NERT's NPDES permit application.</li> </ul>	<ul style="list-style-type: none"> <li>• BWPC site walk with NERT on 2/15.</li> <li>• Discharge coordinates will be updated following final siting.</li> </ul>
Overall Project Design	<ul style="list-style-type: none"> <li>• Geotechnical field program completed for Reclamation property on 1/20. Laboratory results received on 2/3.</li> <li>• A topographic survey of the area was completed on 1/23.</li> </ul>	<ul style="list-style-type: none"> <li>• 75% drawings will be prepared and are anticipated to be ready for submittal by 2/17.</li> <li>• The final Geotechnical Report will be issued in mid-February.</li> <li>• Follow up on topographic data and environmental baseline sampling.</li> </ul>
Sunrise Mountain Weir Pump Station	<ul style="list-style-type: none"> <li>• 60% design submitted to Reclamation; SNWA advised the Trust of a necessity to move the pump station from the original location directed by SNWA to directly to the west of the Central Treatment Plant.</li> </ul>	<ul style="list-style-type: none"> <li>• Complete design revisions; 75% drawings to be submitted to Reclamation 2/17.</li> </ul>
Historic Lateral Weir Pump Station	<ul style="list-style-type: none"> <li>• 60% design submitted to Reclamation; SNWA advised the Trust of a necessity to move the pump station from the original location directed by SNWA to the south side of the bike path.</li> </ul>	<ul style="list-style-type: none"> <li>• Complete design revisions; 75% drawings to be submitted to Reclamation 2/17.</li> </ul>
Central Treatment Plant	<ul style="list-style-type: none"> <li>• 60% design submitted to Reclamation.</li> </ul>	<ul style="list-style-type: none"> <li>• Complete design revisions; 75% drawings to be submitted to Reclamation 2/17.</li> </ul>
Pipelines	<ul style="list-style-type: none"> <li>• 60% design submitted to Reclamation.</li> </ul>	<ul style="list-style-type: none"> <li>• Complete design revisions; 75% drawings to be submitted to Reclamation 2/17.</li> </ul>

Progress Report		
Activity	Actions During Reporting Period	Actions Planned for Next Period
Procurement	<ul style="list-style-type: none"> <li>Procurement for long lead items including the hydrocyclones, multimedia filters, ion exchange units and large pumps has been completed.</li> </ul>	<ul style="list-style-type: none"> <li>Engineering will continue work with vendors to finalize drawings and specifications.</li> </ul>
Administrative	<ul style="list-style-type: none"> <li>Finalized and executed Trust MSA Amendment w/ Tetra Tech for Construction Projects.</li> </ul>	<ul style="list-style-type: none"> <li>Finalize Order.</li> <li>If necessary, engage BEC regarding additional equipment within the allowed access area (resulting from SNWA design modification).</li> </ul>

Project Financials			Notes
		Utilized (%)	
Approved Project Budget	\$ 25,487,000	\$ 2,216,000 (9%)	
Vendor Allocations (Design/Build)			
Tetra Tech	\$ 3,146,000	\$ 2,125,000 (68%)	
Ramboll Environ	\$ 25,000	-	
Envirogen	\$ 20,100	\$ 1,000 (5%)	
Foley & Lardner	\$ 100,000	\$ 90,000 (90%)	
Vendor Allocations (O&M)			
TBD	-	-	
Unallocated	\$ 22,195,900 (87%)		